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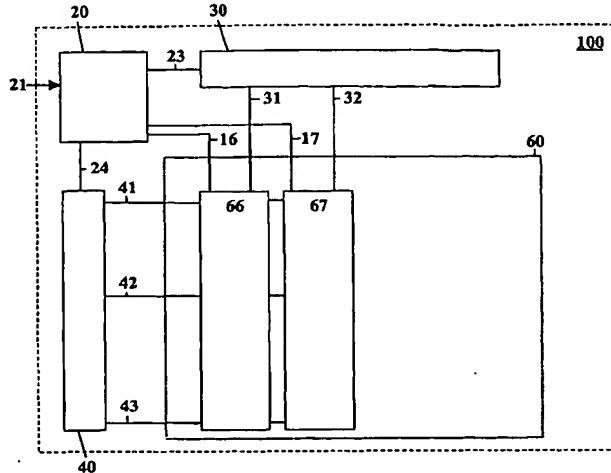
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(54) Title: ELECTROPHORETIC DISPLAY UNIT



(57) Abstract: Electrophoretic display units (100) comprising pixels (11) situated between a common electrode (6) and pixel electrodes (5) need, for shortening the total image update times, increased driving voltages across the pixels (11) which make disturbances more visible. To camouflage such disturbances, instead of one common electrode (6), different counter electrodes (16,17) coupled to different portions (66,67) of the electrophoretic display panel (60) are introduced. First and second counter electrodes (16,17) receive first and second voltage signals ( $V_{16}$ ,  $V_{17}$ ) like alternating voltage signals having opposite phases. First shaking data pulses ( $V_{16} - V_{E1}$ ,  $V_{16} - V_{E3}$ ) are supplied to the first portion (66) and second shaking data pulses ( $V_{17} - V_{E2}$ ,  $V_{17} - V_{E4}$ ) are supplied to the second portion (67), which first and second shaking data pulses have opposite amplitudes. Setting signals ( $S_1, S_2, S_3, S_4$ ) supplied during setting frame period ( $F_S$ ) reduce voltage swings at pixel electrodes (5).

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